

ABSTRACT

A method for making barrier arrays for use in flat panel displays includes the following steps: providing a metal plate; using photolithographic etching of the metal plate to form a shadow mask (21) having a number of openings defined therethrough according to a pixel pattern of a flat panel display; and forming an insulative layer (31) on the shadow mask. The technology for making a shadow mask is mature. In addition, a thickness and a material of the shadow mask can be selected according to the requirements of the flat panel display desired. Furthermore, the thickness and the material of the insulative layer can be determined according to the insulative performance required for the flat panel display. In summary, the present invention provides a barrier array having high precision at a low production costs. The barrier arrays are suitable for mass production in an environmentally friendly manner.